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**FY 1998**

**Department of Energy**

**Budget Summary**

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**Department of Energy**  
**FY 1998 Budget Request to Congress**  
(discretionary dollars in thousands)

	FY 1996 Current Appropriation	FY 1996 Comparable Appropriation	FY 1997 Current Appropriation	FY 1997 Comparable Appropriation	FY 1998 Request
Energy and Water Development Appropriations					
Energy supply research & development	2,757,898	2,842,816	2,710,908	2,677,974	2,999,497
Energy asset acquisition	—	117,089	—	86,608	88,914
Uranium supply & enrichment activities	64,011	—	1,000	—	—
Uranium enrichment D&D fund	278,807	278,807	200,200	200,200	248,788
General science & research activities	965,849	797,999	996,000	831,000	875,910
Science asset acquisition	—	169,000	—	165,000	126,870
Atomic energy defense activities:					
Weapons activities	3,454,768	3,217,162	3,911,198	3,596,600	3,576,255
Defense environmental restoration & waste mgmt.	5,544,805	5,206,891	5,619,304	5,074,305	5,052,499
Other defense programs	1,430,125	1,500,181	1,605,733	1,581,559	1,605,981
Defense nuclear waste disposal	248,400	248,400	200,000	200,000	190,000
National defense asset acquisition	—	503,307	—	543,297	2,166,859
Total, Atomic energy defense activities	10,678,098	10,675,941	11,336,235	10,995,761	12,591,594
Departmental administration	260,934	114,914	89,633	89,633	101,274
Office of the inspector general	24,945	26,546	23,853	23,853	29,499
Power marketing administrations	316,583	316,926	233,895	233,895	237,023
Federal energy regulatory commission	—	—	—	—	—
Nuclear waste disposal fund	151,041	151,067	182,000	182,000	190,000
Total, Energy and Water Development Appropriations	15,498,166	15,491,105	15,773,724	15,485,924	17,489,369
<i>Environmental Management Privatization</i>	—	—	—	330,000	1,006,000
Total, EWD plus Privatization	15,498,166	15,491,105	15,773,724	15,815,924	18,495,369

**Department of Energy**  
**FY 1998 Budget Request to Congress**  
(discretionary dollars in thousands)

	FY 1996 Current Appropriation	FY 1996 Comparable Appropriation	FY 1997 Current Appropriation	FY 1997 Comparable Appropriation	FY 1998 Request
Interior and Related Agencies Appropriations					
Fossil energy research and development	415,245	419,573	364,704	364,704	346,408
Alternative Fuels Production	-2,400	-2,400	-4,000	-4,000	-1,500
Naval petroleum and oil shale reserves	148,433	148,433	143,786	143,786	117,000
Energy conservation	533,093	535,713	549,762	549,762	687,700
Economic regulation	6,282	6,282	2,725	2,725	2,725
Strategic petroleum reserve	—	—	—	—	209,000
Energy information administration	72,150	72,263	66,120	66,120	62,800
Clean coal technology	146,744	146,744	14,879	14,879	-286,000
Total, Interior and Related Agencies Appropriations	1,319,547	1,326,608	1,137,976	1,137,976	1,138,133
Uranium Enrichment D&D fund discretionary payments	-350,000	-350,000	-376,648	-376,648	-388,000
Excess fees and recoveries, FERC	-49,980	-49,980	-31,263	-31,263	-22,000
Subtotal, Department of Energy	16,417,733	16,417,733	16,503,789	16,215,989	18,217,502
Environmental Management privatization	—	—	—	330,000	1,006,000
Total, Department of Energy	16,417,733	16,417,733	16,503,789	16,545,989	19,223,502

**Department of Energy**  
**FY 1998 Budget Request to Congress**  
(discretionary dollars in thousands)

	FY 1996 Current Appropriation	FY 1996 Comparable Appropriation	FY 1997 Current Appropriation	FY 1997 Comparable Appropriation	FY 1998 Request
<b>Energy Supply Research and Development</b>					
Solar and Renewable Resources Technologies	284,182	284,857	269,952	267,152	342,500
Nuclear Energy	229,059	311,695	222,734	258,200	301,052
Environment, Safety and Health	127,821	155,652	85,500	115,974	108,916
Energy Research	1,573,163	1,482,073	1,478,610	1,412,237	1,470,957
Other Energy Programs	11,960	113,579	110,400	110,400	112,220
Environmental Restoration & Waste Management	618,097	607,752	591,529	579,094	682,387
Subtotal, Energy Supply Research and Development	2,844,282	2,955,608	2,758,725	2,743,057	3,018,032
Use of prior year balances	-86,384	-112,792	-47,817	-65,083	-18,535
<b>Total, Energy Supply Research and Development</b>	<b>2,757,898</b>	<b>2,842,816</b>	<b>2,710,908</b>	<b>2,677,974</b>	<b>2,999,497</b>
<i>Energy Assets Acquisition — Incremental Funding</i>					
Solar and Renewable Resources Technologies	—	1,500	—	2,800	2,200
Nuclear Energy	—	8,900	—	5,000	10,825
Energy Research	—	95,344	—	66,373	28,260
Environmental Restoration & Waste Mgmt.	—	11,345	—	12,435	2,297
<b>Total, Incremental Funding</b>	<b>—</b>	<b>117,089</b>	<b>—</b>	<b>86,608</b>	<b>43,582</b>
<b>Total, ESR&amp;D plus Incremental Construction</b>	<b>2,757,898</b>	<b>2,959,905</b>	<b>2,710,908</b>	<b>2,764,582</b>	<b>3,043,079</b>
<i>Energy Assets Acquisition — Extra for Transitional Full Contruction Funding</i>					
Nuclear Energy	—	—	—	—	22,325
Energy Research	—	—	—	—	23,007
<b>Total, Extra for Transitional Full Construction Funding</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>45,332</b>
<b>Total, Energy Supply R&amp;D plus Construction</b>	<b>2,757,898</b>	<b>2,959,905</b>	<b>2,710,908</b>	<b>2,764,582</b>	<b>3,088,411</b>

**Department of Energy**  
**FY 1998 Budget Request to Congress**  
(discretionary dollars in thousands)

	FY 1996 Current Appropriation	FY 1996 Comparable Appropriation	FY 1997 Current Appropriation	FY 1997 Comparable Appropriation	FY 1998 Request
<b>Solar and Renewable Resources Technologies</b>					
<b>Solar Energy</b>					
Solar building technology research	1,925	1,925	2,500	2,500	4,000
Photovoltaic energy systems	61,268	61,268	60,000	60,000	77,000
Solar thermal energy systems	24,011	24,011	22,250	22,250	19,800
Biofuels energy systems	53,198	53,198	55,300	55,300	76,540
Wind energy systems	31,420	31,420	29,000	29,000	42,858
Renewable energy production incentive program	—	658	2,000	2,000	4,000
International solar energy program	3,881	3,881	750	750	7,000
Solar technology transfer	10,779	10,779	—	—	1,360
National renewable energy laboratory	2,000	500	3,300	500	2,800
Resource assessment	1,869	1,869	—	—	—
Solar program support	658	—	—	—	—
<b>Total, Solar Energy</b>	<b>191,009</b>	<b>189,509</b>	<b>175,100</b>	<b>172,300</b>	<b>235,358</b>
Geothermal	29,399	29,399	30,000	30,000	30,000
Hydrogen research	14,331	14,331	15,000	15,000	15,000
Hydropower	3,483	3,483	1,000	1,000	1,000
Renewable Indian energy resources	—	—	4,000	4,000	—
Electric energy systems and storage	33,744	33,744	31,750	31,750	45,500
Program direction	12,216	14,391	13,102	13,102	15,642
Subtotal, Solar & Renewable Resources Technologies	284,182	284,857	269,952	267,152	342,500
Use of prior year balances	-15,800	-15,800	-18,932	-18,932	-15,000
<b>Total, Solar and Renewable Resources Technologies</b>	<b>268,382</b>	<b>269,057</b>	<b>251,020</b>	<b>248,220</b>	<b>327,500</b>
<i><b>Energy Assets Acquisition — Incremental Funding</b></i>					
National renewable energy laboratory	—	1,500	—	2,800	2,200
<b>Total, Solar and Renewable plus construction</b>	<b>268,382</b>	<b>270,557</b>	<b>251,020</b>	<b>251,020</b>	<b>329,700</b>

**Department of Energy**  
**FY 1998 Budget Request to Congress**  
(discretionary dollars in thousands)

	FY 1996 Current Appropriation	FY 1996 Comparable Appropriation	FY 1997 Current Appropriation	FY 1997 Comparable Appropriation	FY 1998 Request
<b>Nuclear Energy</b>					
Nuclear energy research and development					
Light water reactor	39,119	39,119	38,000	38,000	—
Advanced radioisotope power system	48,402	48,402	38,810	38,810	47,000
Nuclear technology research and development	—	—	20,000	—	—
Policy and management	5,000	—	—	—	—
Oak Ridge landlord	14,400	14,400	11,520	11,520	9,500
Test reactor area landlord	3,900	2,000	3,000	2,000	3,217
Advanced test reactor fusion irradiation	2,282	2,282	800	800	2,000
University reactor fuel assistance and support	3,492	3,492	4,000	4,000	6,000
Nuclear energy security	—	—	—	—	39,761
Total, Nuclear energy research and development	116,595	109,695	116,130	95,130	107,478
Termination costs	79,806	78,911	79,100	79,100	76,035
Uranium programs	—	83,314	—	56,466	79,135
Isotope support	24,658	24,658	12,704	12,704	21,704
Program direction	8,000	15,117	14,800	14,800	16,700
Subtotal, Nuclear Energy	229,059	311,695	222,734	258,200	301,052
Use of prior year balances	-4,856	-31,264	-3,065	-20,331	-3,535
Total, Nuclear Energy	224,203	280,431	219,669	237,869	297,517
<i>Energy Assets Acquisition — Incremental Funding</i>					
Test reactor area landlord	—	1,900	—	1,000	4,425
Uranium programs	—	7,000	—	4,000	6,400
Total, Incremental Funding	—	8,900	—	5,000	10,825
Total, Nuclear Energy plus Incremental Funding	224,203	289,331	219,669	242,869	308,342
<i>Energy Assets Acquisition — Extra for Transitional Full Construction Funding</i>					
Test reactor area landlord	—	—	—	—	6,425
Uranium programs	—	—	—	—	15,900
Total, Extra for Transitional Full Construction Funding	—	—	—	—	22,325
Total, Nuclear Energy plus Construction	224,203	289,331	219,669	242,869	330,667

**Department of Energy**  
**FY 1998 Budget Request to Congress**  
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	FY 1996 Current Appropriation	FY 1996 Comparable Appropriation	FY 1997 Current Appropriation	FY 1997 Comparable Appropriation	FY 1998 Request
Environment, Safety and Health					
Office of environment, safety and health (non-def)	—	104,571	48,200	67,968	62,731
Environmental research and development	114,446	—	—	—	—
Nuclear safety policy	13,375	—	—	—	—
Program direction	—	51,081	37,300	48,006	46,185
Subtotal, Environment, Safety and Health	127,821	155,652	85,500	115,974	108,916
Use of prior year balances	-4,396	-4,396	-1,421	-1,421	—
Total, Environment, Safety and Health	123,425	151,256	84,079	114,553	108,916

**Department of Energy**  
**FY 1998 Budget Request to Congress**  
(discretionary dollars in thousands)

	FY 1996 Current Appropriation	FY 1996 Comparable Appropriation	FY 1997 Current Appropriation	FY 1997 Comparable Appropriation	FY 1998 Request
<b>Energy Research</b>					
Biological and environmental research	410,956	337,148	389,075	352,962	376,710
Fusion Energy	238,940	238,940	232,500	232,500	225,000
Basic energy sciences	774,333	637,203	649,675	640,675	661,240
Computational and technology research	—	139,440	153,500	153,500	175,907
Energy research analyses	3,337	3,337	2,000	2,000	1,500
Laboratory technology transfer	16,672	—	—	—	—
Advisory and oversight	5,936	—	—	—	—
Policy and management	2,116	—	—	—	—
Multiprogram energy labs - facility support	34,044	6,506	21,260	—	—
University and science education programs	20,066	19,252	—	—	—
Program direction	—	33,484	30,600	30,600	30,600
Small business innovation research (SBIR)	66,763	66,763	—	—	—
Subtotal, Energy Research	1,573,163	1,482,073	1,478,610	1,412,237	1,470,957
Use of prior year balances	-36,741	-36,741	-21,053	-21,053	—
<b>Total, Energy Research</b>	<b>1,536,422</b>	<b>1,445,332</b>	<b>1,457,557</b>	<b>1,391,184</b>	<b>1,470,957</b>
<i>Energy Assets Acquisition — Incremental Funding</i>					
Biological and environmental research	—	62,620	—	36,113	—
Basic energy sciences	—	5,186	—	9,000	7,000
Multiprogram energy labs - facility support	—	27,538	—	21,260	21,260
<i>Total, Incremental Funding</i>	<i>—</i>	<i>95,344</i>	<i>—</i>	<i>66,373</i>	<i>28,260</i>
<i>Total, Energy Research plus Incremental Funding</i>	<i>1,536,422</i>	<i>1,540,676</i>	<i>1,457,557</i>	<i>1,457,557</i>	<i>1,499,217</i>
<i>Energy Assets Acquisition — Extra for Transitional Full Construction Funding</i>					
Basic energy sciences	—	—	—	—	4,000
Multiprogram energy labs - facility support	—	—	—	—	19,007
<i>Total, Extra for Transitional Full Construction Funding</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>23,007</i>
<i>Total, Energy Research plus Construction</i>	<i>1,536,422</i>	<i>1,540,676</i>	<i>1,457,557</i>	<i>1,457,557</i>	<i>1,522,224</i>



**Department of Energy**  
**FY 1998 Budget Request to Congress**  
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	FY 1996 Current Appropriation	FY 1996 Comparable Appropriation	FY 1997 Current Appropriation	FY 1997 Comparable Appropriation	FY 1998 Request
Other Energy Programs					
Technical information management					
Technical information management program	11,960	3,160	3,300	3,300	3,427
Program direction	—	8,800	8,700	8,700	8,560
Total, Technical information management	11,960	11,960	12,000	12,000	11,987
In-house energy management	—	342	—	—	—
Field offices and management	—	101,277	98,400	98,400	100,233
Subtotal, Other Energy Programs	11,960	113,579	110,400	110,400	112,220
Use of prior year balances	-180	-180	-163	-163	—
Total, Other Energy Programs	11,780	113,399	110,237	110,237	112,220
Environmental Restoration & Waste Mgmt. (Non-Defense)					
Corrective activities	4,339	—	—	—	—
Environmental restoration	359,559	358,498	328,000	328,000	457,625
Waste management	181,197	170,489	183,858	177,994	153,004
Nuclear material and facility stabilization	73,002	78,765	79,671	73,100	71,758
Subtotal, Environmental Restoration & Waste Mgmt.	618,097	607,752	591,529	579,094	682,387
Use of prior year balances	-24,411	-24,411	-3,183	-3,183	—
Total, Environmental Restoration & Waste Management	593,686	583,341	588,346	575,911	682,387
<i>Energy Assets Acquisition — Incremental Funding</i>					
Waste management	—	7,297	—	5,864	1,900
Nuclear material and facility stabilization	—	4,048	—	6,571	397
Total, Energy Assets Acquisition	—	11,345	—	12,435	2,297
Total, Environmental Management plus construction	593,686	594,686	588,346	588,346	684,684

**Department of Energy**  
**FY 1998 Budget Request to Congress**  
(discretionary dollars in thousands)

	FY 1996 Current Appropriation	FY 1996 Comparable Appropriation	FY 1997 Current Appropriation	FY 1997 Comparable Appropriation	FY 1998 Request
Uranium Supply And Enrichment Activities					
Uranium enrichment activities	90,314	—	56,466	—	—
Program direction	—	—	4,000	—	—
Subtotal, Uranium Supply And Enrichment Activities	90,314	—	60,466	—	—
Revenues - Sales	—	—	-42,200	—	—
Use of prior year balances	-26,303	—	-17,266	—	—
Total, Uranium Supply And Enrichment Activities	64,011	—	1,000	—	—
Uranium Enrichment Decontamination and Decommissioning Fund	278,807	278,807	200,200	200,200	248,788

**Department of Energy**  
**FY 1998 Budget Request to Congress**  
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	FY 1996 Current Appropriation	FY 1996 Comparable Appropriation	FY 1997 Current Appropriation	FY 1997 Comparable Appropriation	FY 1998 Request
Energy Assets Acquisition					
Solar and Renewable Resources Technologies					
Solar Energy					
National renewable energy laboratory	—	1,500	—	2,800	2,200
Nuclear Energy					
Nuclear energy research and development					
Test reactor area landlord	—	1,900	—	1,000	10,850
Uranium programs	—	7,000	—	4,000	22,300
Total, Nuclear Energy	—	8,900	—	5,000	33,150
Energy Research					
Biological and environmental research	—	62,620	—	36,113	—
Basic energy sciences	—	5,186	—	9,000	11,000
Multiprogram energy labs - facility support	—	27,538	—	21,260	40,267
Total, Energy Research	—	95,344	—	66,373	51,267
Environmental Restoration & Waste Mgmt. (Non-Defense)					
Waste management	—	7,297	—	5,864	1,900
Nuclear material and facility stabilization	—	4,048	—	6,571	397
Total, Environmental Restoration & Waste Mgmt.	—	11,345	—	12,435	2,297
Total, Energy Asset Acquisition	—	117,089	—	86,608	88,914

**Department of Energy**  
**FY 1998 Budget Request to Congress**  
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	FY 1996 Current Appropriation	FY 1996 Comparable Appropriation	FY 1997 Current Appropriation	FY 1997 Comparable Appropriation	FY 1998 Request
General Science And Research					
High energy physics	656,403	552,403	670,075	570,075	624,185
Nuclear physics	299,946	234,946	315,925	250,925	256,525
General science program direction	9,500	10,650	10,000	10,000	10,200
Subtotal, General science	965,849	797,999	996,000	831,000	890,910
Transfer of SSC balances to ESR&D	—	—	—	—	-15,000
Total, General Science And Research	965,849	797,999	996,000	831,000	875,910
<i>Science Assets Acquisition — Incremental Funding</i>					
<i>High energy physics</i>	—	104,000	—	100,000	50,850
<i>Nuclear physics</i>	—	65,000	—	65,000	59,400
<i>Total, Incremental Funding</i>	—	169,000	—	165,000	110,250
<i>Total, General Science plus Incremental Funding</i>	965,849	966,999	996,000	996,000	986,160
<i>Science Assets Acquisition — Extra for Transitional Full Construction Funding</i>					
<i>Nuclear physics</i>	—	—	—	—	16,620
<i>Total, General Science plus Construction</i>	965,849	966,999	996,000	996,000	1,002,780

**Department of Energy**  
**FY 1998 Budget Request to Congress**  
(discretionary dollars in thousands)

	FY 1996 Current Appropriation	FY 1996 Comparable Appropriation	FY 1997 Current Appropriation	FY 1997 Comparable Appropriation	FY 1998 Request
Science Assets Acquisition					
High energy physics	—	104,000	—	100,000	50,850
Nuclear physics	—	65,000	—	65,000	76,020
Total, Science Asset Acquisition	—	169,000	—	165,000	126,870

**Department of Energy**  
**FY 1998 Budget Request to Congress**  
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	FY 1996 Current Appropriation	FY 1996 Comparable Appropriation	FY 1997 Current Appropriation	FY 1997 Comparable Appropriation	FY 1998 Request
<b>Weapons Activities</b>					
Stockpile stewardship - DP	1,542,418	1,375,407	1,656,767	1,436,530	1,444,290
Stewardship - Marshall Island/dose reconstruction	6,800	—	—	—	—
Stockpile management - DP	1,998,652	1,727,646	1,928,831	1,834,470	1,828,465
Stockpile Management - Dose Reconstruction	2,888	—	—	—	—
Program direction - DP	113,774	324,873	325,600	325,600	303,500
Defense Nuclear Facilities Safety Board Rep	1,000	—	—	—	—
Subtotal, Weapons activities	3,665,532	3,427,926	3,911,198	3,596,600	3,576,255
Use of prior year balances	-210,764	-210,764	—	—	—
<b>Total, Weapons Activities</b>	<b>3,454,768</b>	<b>3,217,162</b>	<b>3,911,198</b>	<b>3,596,600</b>	<b>3,576,255</b>
<i>Defense Assets Acquisition — Incremental Funding</i>					
Stockpile stewardship	—	119,905	—	220,237	296,610
Stockpile management	—	113,625	—	94,361	171,585
<i>Total, Incremental Funding</i>	—	233,530	—	314,598	468,195
<i>Total, Weapons Activities plus Incremental Construction</i>	<i>3,454,768</i>	<i>3,450,692</i>	<i>3,911,198</i>	<i>3,911,198</i>	<i>4,044,450</i>
<i>Defense Assets Acquisition — Extra for Transitional Full Construction Funding</i>					
Stockpile stewardship	—	—	—	—	752,816
Stockpile management	—	—	—	—	281,384
<i>Total, Extra for Transitional Full Construction Funding</i>	—	—	—	—	1,034,200
<i>Total, Weapons Activities plus Construction</i>	<i>3,454,768</i>	<i>3,450,692</i>	<i>3,911,198</i>	<i>3,911,198</i>	<i>5,078,650</i>

**Department of Energy**  
**FY 1998 Budget Request to Congress**  
(discretionary dollars in thousands)

	FY 1996 Current Appropriation	FY 1996 Comparable Appropriation	FY 1997 Current Appropriation	FY 1997 Comparable Appropriation	FY 1998 Request
<b>Defense Environmental Restoration and Waste Management</b>					
Environmental restoration	1,456,270	1,804,052	1,762,194	1,762,194	1,744,573
Waste management	2,412,098	1,801,714	1,581,447	1,490,320	1,455,576
Technology development	396,104	291,491	295,215	295,215	257,881
Transportation management	12,486	—	—	—	—
Program direction	—	473,751	411,511	411,511	388,251
Nuclear material and facility stabilization	1,510,370	1,170,252	1,297,590	1,173,718	1,118,114
Compliance and program coordination	42,968	—	—	—	—
Analysis, education, and risk management	80,757	—	—	—	—
Policy and management	—	25,541	23,155	23,155	23,104
Environmental science program	—	63,875	62,124	62,124	50,000
Environmental management privatization	—	—	170,000	—	—
Closure projects	—	—	15,000	15,000	15,000
Def. EM Privatization init. (Fixed asset acq.)	—	—	160,000	—	—
Subtotal, Defense environmental management	5,911,053	5,630,676	5,778,236	5,233,237	5,052,499
Use of prior year balances & other adjustments	-366,248	-423,785	-158,932	-158,932	—
<b>Total, Defense Env. Restoration &amp; Waste Mgmt.</b>	<b>5,544,805</b>	<b>5,206,891</b>	<b>5,619,304</b>	<b>5,074,305</b>	<b>5,052,499</b>
<i>Defense Assets Acquisition — Incremental Funding</i>					
Waste management	—	140,056	—	91,127	80,768
Nuclear material and facility stabilization	—	106,721	—	123,872	84,907
<b>Total, Incremental Funding</b>	<b>—</b>	<b>246,777</b>	<b>—</b>	<b>214,999</b>	<b>165,675</b>
<b>Total, Def. Env. Mgmt. plus Incremental Construction</b>	<b>5,544,805</b>	<b>5,453,668</b>	<b>5,619,304</b>	<b>5,289,304</b>	<b>5,218,174</b>
<i>Defense Assets Acquisition — Extra for Transitional Full Construction Funding</i>					
Waste management	—	—	—	—	377,550
Nuclear material and facility stabilization	—	—	—	—	99,439
<b>Total, Extra for Transitional Full Construction Funding</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>476,989</b>
<b>Total, Def. Environmental Mgmt. plus Construction</b>	<b>5,544,805</b>	<b>5,453,668</b>	<b>5,619,304</b>	<b>5,289,304</b>	<b>5,695,163</b>
<b>EM Privatization</b>					
Def. EM privatization init. (Fixed asset acquisition)	—	—	—	330,000	1,006,000
<b>Uranium Enrichment D&amp;D Fund Discretionary Payments</b>					
Transfer payment from Defense ER&WM	-350,000	-350,000	-376,648	-376,648	-388,000

**Department of Energy**  
**FY 1998 Budget Request to Congress**  
(discretionary dollars in thousands)

	FY 1996 Current Appropriation	FY 1996 Comparable Appropriation	FY 1997 Current Appropriation	FY 1997 Comparable Appropriation	FY 1998 Request
Other Defense Activities					
Nonproliferation and national security	637,480	562,671	634,472	632,632	668,000
Worker and community transition	81,362	81,550	62,000	62,000	70,500
Fissile materials control and disposition	69,882	70,151	103,796	103,796	103,796
Environment, safety & health	32,386	36,997	78,800	48,326	54,000
Office of hearings and appeals	—	1,200	—	1,840	2,685
Nuclear Energy	—	104,030	48,500	68,500	81,000
Naval reactors	681,017	658,047	681,932	668,232	626,000
Subtotal, Other defense activities	1,502,127	1,514,646	1,609,500	1,585,326	1,605,981
Use of prior year balances	-72,002	-14,465	-3,767	-3,767	—
Total, Other Defense Activities	1,430,125	1,500,181	1,605,733	1,581,559	1,605,981
<i>Defense Assets Acquisition — Incremental Funding</i>					
Naval reactors	—	23,000	—	13,700	14,000
Total, Other Def. Act. plus Incremental Construction	1,430,125	1,523,181	1,605,733	1,595,259	1,619,981
<i>Defense Assets Acquisition — Extra for Transitional Full Construction Funding</i>					
Naval reactors	—	—	—	—	7,800
Total, Other Defense Activities plus Construction	1,430,125	1,523,181	1,605,733	1,595,259	1,627,781



**Department of Energy**  
**FY 1998 Budget Request to Congress**  
(discretionary dollars in thousands)

	FY 1996 Current Appropriation	FY 1996 Comparable Appropriation	FY 1997 Current Appropriation	FY 1997 Comparable Appropriation	FY 1998 Request
Nonproliferation and national security					
Verification and control technology					
Nonproliferation and verification R&D	290,525	206,071	211,919	211,919	210,000
Arms control	174,981	159,074	216,244	216,244	234,600
Intelligence	42,256	30,877	34,185	34,185	33,600
Total, Verification and control technology	507,762	396,022	462,348	462,348	478,200
Nuclear safeguards and security	86,397	47,172	47,208	47,208	47,200
Security investigations	20,000	20,000	20,000	20,000	20,000
Emergency management	23,321	16,866	16,794	16,794	27,700
Program direction - NN	—	82,611	88,122	86,282	94,900
Subtotal, Nonproliferation and national security	637,480	562,671	634,472	632,632	668,000
Use of prior year balances	-45	-45	—	—	—
Total, Nonproliferation and national security	637,435	562,626	634,472	632,632	668,000

**Department of Energy**  
**FY 1998 Budget Request to Congress**  
(discretionary dollars in thousands)

	FY 1996 Current Appropriation	FY 1996 Comparable Appropriation	FY 1997 Current Appropriation	FY 1997 Comparable Appropriation	FY 1998 Request
Worker and community transition					
Worker and community transition	81,362	77,359	57,659	57,659	65,800
Program direction - WT	—	4,191	4,341	4,341	4,700
Total, Worker and community transition	81,362	81,550	62,000	62,000	70,500
Fissile materials control and disposition					
Fissile materials control and disposition	69,882	66,687	100,163	100,163	99,451
Program direction - MD	—	3,464	3,633	3,633	4,345
Total, Fissile materials control and disposition	69,882	70,151	103,796	103,796	103,796

**Department of Energy**  
**FY 1998 Budget Request to Congress**  
(discretionary dollars in thousands)

	FY 1996 Current Appropriation	FY 1996 Comparable Appropriation	FY 1997 Current Appropriation	FY 1997 Comparable Appropriation	FY 1998 Request
Environment, safety & health					
Office of environment, safety and health (defense)	—	36,997	68,094	48,326	54,000
Security evaluations	14,707	—	—	—	—
Nuclear safety	17,679	—	—	—	—
Program direction - EH	—	—	10,706	—	—
Total, Environment, safety and health	32,386	36,997	78,800	48,326	54,000
Office of hearings and appeals	—	1,200	—	1,840	2,685
Nuclear Energy					
Nuclear technology research and development	—	25,000	—	20,000	25,000
International nuclear safety	—	79,030	45,000	43,500	50,000
Nuclear security	—	—	3,500	3,500	4,000
Chornobyl shutdown initiative	—	—	—	1,500	2,000
Total, Nuclear Energy	—	104,030	48,500	68,500	81,000

**Department of Energy**  
**FY 1998 Budget Request to Congress**  
(discretionary dollars in thousands)

	FY 1996 Current Appropriation	FY 1996 Comparable Appropriation	FY 1997 Current Appropriation	FY 1997 Comparable Appropriation	FY 1998 Request
Naval reactors					
Naval reactors development	681,017	639,517	663,030	649,330	605,920
Program direction	—	18,530	18,902	18,902	20,080
Subtotal, Naval reactors	681,017	658,047	681,932	668,232	626,000
Use of prior year balances	-272	-272	—	—	—
Total, Naval reactors	680,745	657,775	681,932	668,232	626,000
<i>Defense Assets Acquisition — Incremental Funding</i>					
<i>Naval reactors development</i>	—	23,000	—	13,700	14,000
<i>Total, Naval Reactors plus Incremental Construction</i>	680,745	680,775	681,932	681,932	640,000
<i>Defense Assets Acquisition — Extra for Transitional Full Construction Funding</i>					
<i>Naval reactors development</i>	—	—	—	—	7,800
<i>Total, Naval Reactors plus Construction</i>	680,745	680,775	681,932	681,932	647,800

**Department of Energy**  
**FY 1998 Budget Request to Congress**  
(discretionary dollars in thousands)

	FY 1996 Current Appropriation	FY 1996 Comparable Appropriation	FY 1997 Current Appropriation	FY 1997 Comparable Appropriation	FY 1998 Request
Defense nuclear waste disposal	248,400	248,400	200,000	200,000	190,000

**Department of Energy**  
**FY 1998 Budget Request to Congress**  
(discretionary dollars in thousands)

	FY 1996 Current Appropriation	FY 1996 Comparable Appropriation	FY 1997 Current Appropriation	FY 1997 Comparable Appropriation	FY 1998 Request
Defense Assets Acquisition					
Weapons activities					
Stockpile stewardship	—	119,905	—	220,237	1,049,426
Stockpile management	—	113,625	—	94,361	452,969
Total, Weapons activities	—	233,530	—	314,598	1,502,395
Defense environmental restoration & waste management					
Waste management	—	140,056	—	91,127	458,318
Nuclear material and facility stabilization	—	106,721	—	123,872	184,346
Total, Defense environ. restoration & waste mgmt	—	246,777	—	214,999	642,664
Other defense activities					
Naval reactors					
Naval reactors development	—	23,000	—	13,700	21,800
Total, Defense Assets Acquisition	—	503,307	—	543,297	2,166,859

**Department of Energy**  
**FY 1998 Budget Request to Congress**  
(discretionary dollars in thousands)

	FY 1996 Current Appropriation	FY 1996 Comparable Appropriation	FY 1997 Current Appropriation	FY 1997 Comparable Appropriation	FY 1998 Request
Departmental Administration					
Office of the Secretary	2,500	3,352	2,852	2,852	2,850
General Management					
Personnel Compensation and Benefits	186,000	119,293	100,695	100,695	104,530
Severance Costs	—	—	7,500	7,500	—
Total, General Management	186,000	119,293	108,195	108,195	104,530
Other Expenses	155,335	80,622	74,900	74,900	77,356
Program Support	10,890	10,890	5,090	5,090	15,806
Total, Administrative Operations	354,725	214,157	191,037	191,037	200,542
Cost of Work for Others	22,826	22,826	26,336	26,336	32,062
Subtotal, Departmental Administration (gross)	377,551	236,983	217,373	217,373	232,604
Use of balances & other adjustments	-11,519	-16,971	-2,352	-2,352	—
Total, Departmental Administration (gross)	366,032	220,012	215,021	215,021	232,604
Revenues	-105,098	-105,098	-125,388	-125,388	-131,330
Total, Departmental Administration (net)	260,934	114,914	89,633	89,633	101,274

**Department of Energy**  
**FY 1998 Budget Request to Congress**  
(discretionary dollars in thousands)

	FY 1996 Current Appropriation	FY 1996 Comparable Appropriation	FY 1997 Current Appropriation	FY 1997 Comparable Appropriation	FY 1998 Request
Office Of Inspector General					
Office of Inspector General	26,860	28,461	24,750	24,750	29,499
Use of prior year balances	-1,915	-1,915	-897	-897	—
Total, Office Of Inspector General	24,945	26,546	23,853	23,853	29,499



**Department of Energy**  
**FY 1998 Budget Request to Congress**  
(discretionary dollars in thousands)

	FY 1996 Current Appropriation	FY 1996 Comparable Appropriation	FY 1997 Current Appropriation	FY 1997 Comparable Appropriation	FY 1998 Request
<b>Power Marketing Administrations:</b>					
Alaska Power Administration					
Alaska power administration	4,245	4,245	4,000	4,000	1,000
Transition and termination	5,500	5,500	—	—	—
Total, Alaska Power Administration	9,745	9,745	4,000	4,000	1,000
Southeastern power administration	29,851	29,851	27,445	27,445	16,222
Southwestern power administration	30,702	30,702	27,804	27,804	26,500
Western Area Power Administration					
Western area power administration	275,939	276,282	248,691	248,691	229,964
Transfer of current authority from DOI	4,556	4,556	3,774	3,774	—
Total, Western Area Power Administration	280,495	280,838	252,465	252,465	229,964
Falcon & Amistad Operating & Maintenance Fund	1,000	1,000	970	970	1,065
Colorado River Basin Power Marketing Fund					
Spending authority from offsetting collections	123,276	123,276	120,431	120,431	124,786
Offsetting collections	-123,276	-123,276	-130,431	-130,431	-140,884
Total, Colorado River Basin	—	—	-10,000	-10,000	-16,098
Subtotal, Power Marketing Administrations:	351,793	352,136	302,684	302,684	258,653
Use of prior year balances	-35,210	-35,210	-68,789	-68,789	-21,630
Total, Power Marketing Administrations	316,583	316,926	233,895	233,895	237,023
<b>Bonneville Power Administration (non-add)</b>					
Budget authority	(-194,000)	(-194,000)	(-14,000)	(-14,000)	(-41,000)
Capital obligations	(161,000)	(161,000)	(277,000)	(277,000)	(253,000)

**Department of Energy**  
**FY 1998 Budget Request to Congress**  
(discretionary dollars in thousands)

	FY 1996 Current Appropriation	FY 1996 Comparable Appropriation	FY 1997 Current Appropriation	FY 1997 Comparable Appropriation	FY 1998 Request
Federal Energy Regulatory Commission					
Federal Energy Regulatory Commission	159,290	159,290	156,290	156,290	167,577
Use of prior year balances (FERC)	-28,000	-28,000	-10,000	-10,000	—
FERC revenues	-131,290	-131,290	-146,290	-146,290	-167,577
Total, Federal Energy Regulatory Commission	—	—	—	—	—
Fees & recoveries in excess of annual appropriation	-49,980	-49,980	-31,263	-31,263	-22,000

**Department of Energy**  
**FY 1998 Budget Request to Congress**  
(discretionary dollars in thousands)

	FY 1996 Current Appropriation	FY 1996 Comparable Appropriation	FY 1997 Current Appropriation	FY 1997 Comparable Appropriation	FY 1998 Request
Nuclear Waste Fund — Financing					
Nuclear Waste Disposal Fund	151,041	151,067	182,000	182,000	190,000
Defense nuclear waste disposal	248,400	248,400	200,000	200,000	190,000
Total, Nuclear Waste Fund	399,441	399,467	382,000	382,000	380,000
Nuclear Waste Fund — Activities					
Yucca mountain site characterization	250,000	250,000	324,964	324,964	325,000
Waste acceptance, storage and transportation	13,600	13,600	9,936	9,936	9,936
Program Integration	22,105	22,105	17,801	17,801	17,801
Program Direction	28,762	28,762	29,299	29,299	27,263
Subtotal, Nuclear Waste Fund	314,467	314,467	382,000	382,000	380,000
Congressional Reserve	85,000	85,000	—	—	—
Total, Nuclear Waste Fund	399,467	399,467	382,000	382,000	380,000

**Department of Energy**  
**FY 1998 Budget Request to Congress**  
(discretionary dollars in thousands)

	FY 1996 Current Appropriation	FY 1996 Comparable Appropriation	FY 1997 Current Appropriation	FY 1997 Comparable Appropriation	FY 1998 Request
Fossil Energy Research and Development					
Coal					
Advanced clean fuels research	19,310	19,310	16,154	16,154	15,844
Advanced clean/efficient power systems	79,244	79,244	69,269	69,269	66,340
Advanced research and technology development	21,072	21,072	17,623	17,623	19,729
Transfer to Cooperative R&D (TBD)	—	—	—	—	-1,864
Total, Coal	119,626	119,626	103,046	103,046	100,049
Petroleum					
Oil technology	54,935	54,935	45,937	45,937	52,169
Gas					
Natural gas research	58,553	58,553	70,214	70,214	56,692
Fuel cells	51,237	51,237	50,117	50,117	46,291
Total, Gas	109,790	109,790	120,331	120,331	102,983
Program direction and management support					
Headquarters program direction	11,665	15,993	14,396	14,396	14,659
ETC program direction	55,276	55,276	54,314	54,314	48,107
Total, Program direction & management support	66,941	71,269	68,710	68,710	62,766
Plant and capital equipment	4,005	4,005	2,000	2,000	2,532
Fossil energy environmental restoration	14,554	14,554	13,027	13,027	12,935
Cooperative research and development	6,152	6,152	5,566	5,566	5,836
Fuels conversion, natural gas and electricity	2,687	2,687	2,188	2,188	2,173
Mining	44,109	44,109	5,000	5,000	4,965
Subtotal, Fossil Energy Research & Development	422,799	427,127	365,805	365,805	346,408
Use of prior year balances	-7,554	-7,554	-1,101	-1,101	—
Total, Fossil Research and Development	415,245	419,573	364,704	364,704	346,408

**Department of Energy**  
**FY 1998 Budget Request to Congress**  
(discretionary dollars in thousands)

	FY 1996 Current Appropriation	FY 1996 Comparable Appropriation	FY 1997 Current Appropriation	FY 1997 Comparable Appropriation	FY 1998 Request
Alternative Fuels Production					
Interest from the Great Plains Project Trust	-2,400	-2,400	-4,000	-4,000	-1,500
Naval Petroleum & Oil Shale Reserves	148,433	148,433	143,786	143,786	117,000

**Department of Energy**  
**FY 1998 Budget Request to Congress**  
(discretionary dollars in thousands)

	FY 1996 Current Appropriation	FY 1996 Comparable Appropriation	FY 1997 Current Appropriation	FY 1997 Comparable Appropriation	FY 1998 Request
Energy Conservation					
Energy Conservation R&D					
Transportation sector	174,288	174,288	175,203	175,203	203,246
Industry sector	108,295	114,369	117,566	117,566	139,559
Buildings sector	87,438	—	—	—	—
Federal energy management program	—	18,329	19,800	19,800	31,100
Technical and financial assistance - non-grants	37,025	—	—	—	—
Building technology, state and community sector - non-grants	—	76,810	81,198	81,198	111,315
Technical and financial assistance - grants	137,700	—	—	—	—
Policy and management	8,147	34,017	26,150	26,150	31,380
Total, Energy conservation R&D	415,193	417,813	419,917	419,917	516,600
Building technology, state, and community sector - grants	—	137,700	149,845	149,845	191,100
Subtotal, Energy Conservation	552,893	555,513	569,762	569,762	707,700
Use of prior year balances & other adjustments	-19,800	-19,800	-20,000	-20,000	-20,000
Total, Energy Conservation	533,093	535,713	549,762	549,762	687,700

**Department of Energy**  
**FY 1998 Budget Request to Congress**  
(discretionary dollars in thousands)

	FY 1996 Current Appropriation	FY 1996 Comparable Appropriation	FY 1997 Current Appropriation	FY 1997 Comparable Appropriation	FY 1998 Request
Economic Regulation					
Economic regulatory administration/Compliance	3,616	3,616	—	—	—
Office of hearings and appeals	2,666	2,666	2,725	2,725	2,725
Total, Economic Regulation	6,282	6,282	2,725	2,725	2,725
Strategic Petroleum Reserve					
SPR - Facilities development	284,114	284,114	220,000	220,000	209,000
SPR petroleum account					
Transfer of PY balances from the petroleum acct	-187,000	-187,000	—	—	—
Proceeds from sale of Weeks Island Oil, SPR decommissioning	-97,114	-97,114	—	—	—
Proceeds from SPR oil sales, SPR operating account	—	—	-220,000	-220,000	—
Total, Strategic Petroleum Reserve	—	—	—	—	209,000

**Department of Energy**  
**FY 1998 Budget Request to Congress**  
(discretionary dollars in thousands)

	FY 1996 Current Appropriation	FY 1996 Comparable Appropriation	FY 1997 Current Appropriation	FY 1997 Comparable Appropriation	FY 1998 Request
Energy Information Administration					
National energy information system	72,150	72,263	66,120	66,120	62,800
Clean Coal Technology					
Advance appropriation - round 4	—	—	32,000	32,000	—
Advance appropriation - round 5	—	—	255,879	255,879	—
Advance appropriation	146,744	146,744	-150,000	-150,000	—
Rescission	—	—	-123,000	-123,000	-153,000
Deferral or prior year balances	—	—	—	—	-133,000
Total, Clean Coal Technology	146,744	146,744	14,879	14,879	-286,000



**Department of Energy**  
**FY 1998 Full Time Equivalent (FTE) Request**  
(whole FTEs)

	FY 1996 FTE Usage	FY 1997 FTE Request	FY 1998 FTE Request	FY 1997 vs. FY 1998	
Energy and Water Development					
Energy Supply R&D	1,118	2,001	1,928	-73	-3.6%
Uranium Enrichment	52	46	—	-46	-100.0%
Isotope Product & Distribution	10	10	10	—	—
General Science & Research	108	100	92	-8	-8.0%
Atomic Energy Defense Activities					
Weapons Activities	2,069	2,034	1,939	-95	-4.7%
Env Restoration & Waste Mgmt	3,214	3,168	2,997	-171	-5.4%
Bureau of Mines	—	29	29	—	—
Other Defense Programs	731	785	787	2	0.3%
Total, Atomic Energy Defense Activities	6,014	6,016	5,752	-264	-4.4%
Departmental Administration	2,655	1,447	1,319	-128	-8.8%
Inspector General	325	331	290	-41	-12.4%
Power Marketing Administrations					
Alaska Power Administration	26	32	11	-21	-65.6%
Bonneville Power Administration	3,160	3,131	2,930	-201	-6.4%
Southeastern Power Admin	41	41	41	—	—
Southwestern Power Admin	185	193	189	-4	-2.1%
WAPA - Operation & Maint	1,138	1,168	1,168	—	—
WAPA - Col River Basin	191	161	161	—	—
Total, Power Marketing Administrations	4,741	4,726	4,500	-226	-4.8%
Federal Energy Regulatory Com	1,374	1,357	1,377	20	1.5%
Nuclear Waste Fund	248	232	206	-26	-11.2%
Total, Energy and Water Development	16,645	16,266	15,474	-792	-4.9%

**Department of Energy**  
**FY 1998 Full Time Equivalent (FTE) Request**  
(whole FTEs)

	FY 1996 FTE Usage	FY 1997 FTE Request	FY 1998 FTE Request	FY 1997 vs. FY 1998	
Interior and Related Agencies					
Fossil Energy R&D	647	606	598	-8	-1.3%
Bureau of Mines	—	85	85	—	—
Naval Petrol & Oil Shale Reserves	78	72	40	-32	-44.4%
Energy Conservation	491	450	415	-35	-7.8%
Emergency Preparedness	8	—	—	—	—
Economic Regulation	82	54	24	-30	-55.6%
Strategic Petrol Reserve	149	143	137	-6	-4.2%
Energy Information Activities	442	417	374	-43	-10.3%
Clean Coal Technology	69	70	68	-2	-2.9%
Total, Interior and Related Agencies	1,966	1,897	1,741	-156	-8.2%
Total, Department of Energy	18,611	18,163	17,215	-948	-5.2%